



NEW JERSEY
WEEKLY CROP WEATHER

New Jersey
Agricultural Statistics Service

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.
Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.
New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.
Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.
Landisville
Phone: (856)697-2273
Direct Sales Daily
Swedesboro
Phone: (856)476-0313
Hightstown
Phone: (609)448-0193
Auction Sales Mon-Wed-Fri-7pm

Volume 65No. 11Date: June 16, 2003

RUTGERS WEEKLY FORECAST

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania

Issued by Rutgers University New Brunswick NJ

7 am EDT Monday June 16, 2003

Rainfall amounts none through Tuesday.

Winds for spraying, east around 10 mph today, east 5 to 10 mph tonight, east around 10 mph Tuesday.

Relative humidity in percent, 40 to 50 today, 90 to 100 tonight, 40 to 50 Tuesday.

Dew points, upper 40s to low 50s through Tuesday.

Drying conditions good today and again Tuesday.

Frost freeze or dew, light dew tonight and again Tuesday night.

Percent of possible sunshine, 80 today, 80 Tuesday.

There is a near zero percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Hay cutting will see much improved conditions this week. Today and Tuesday will see good drying conditions with little threat of rain. There is a chance of scattered showers Wednesday and Thursday before better drying conditions once again for Friday through Sunday.

Temperatures in the representative cranberry bogs could fall to 29 to 33 tonight and 28 to 32 Tuesday night.

Estimated soil moisture in percent of field capacity remains high over most of the region but will improve throughout the week.

Four inch soil temperatures have increased into the 60s and some 70s and should remain steady over the next few days.

The latest 8 to 14 day outlook for the period June 23, 2003 through June 29, 2003 is calling for temperatures to average above normal and precipitation to total near normal.

Climate summary for the week ending 8 am 06/16/03
Temperatures averaged near normal north and central and above normal south. Extremes were 89 degrees at Hammonton, on June 13, 2003 and 48 degrees at Charlotteburg on June 10, 2003.

Weekly rainfall averaged 1.70 inches north, 1.69 inches central, and 1.50 inches south. The heaviest 24 hour total reported was 1.39 inches at New Brunswick on June 12, 2003 through June 13, 2003.

Estimated soil moisture, in percent of field capacity, this past week averaged 97 percent north, 93 percent central, and 88 percent south.

Four inch soil temperatures averaged 66 degrees north, 68 degrees central, and 70 degrees south.

WEATHER SUMMARY FOR THE WEEK ENDING 8 AM MONDAY 06/16/03										
Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches -				- Degrees -				- Base 50°F -		
NORTH										
Belvidere Bridge	.97	17.44	4.00	83	51	70	2	577	-25	92
Canoe Brook	DATA NOT AVAILABLE									
Charlotteburg	2.72	20.85	6.23	81	48	65	0	359	-66	97
Flemington	1.14	17.47	3.57	84	54	69	0	562	-28	96
Long Valley	1.80	16.14	1.22	78	52	65	-1	350	-128	96
Newton	1.89	15.09	1.97	82	52	67	0	489	2	97
CENTRAL										
Freehold	1.66	16.72	2.99	87	55	72	2	637	-34	96
Long Branch	1.17	18.18	4.26	86	55	69	0	512	-98	90
New Brunswick	2.40	18.25	4.80	85	57	70	0	588	-125	97
Pemberton	DATA NOT AVAILABLE									
Toms River	1.77	16.30	2.64	88	56	72	4	604	-3	92
Trenton	1.43	15.87	3.41	85	57	71	0	581	-177	89
SOUTH										
A.C. Marina	DATA NOT AVAILABLE									
Cape May C.H.	.16	13.64	1.56	85	56	72	3	559	-118	60
Downtown	1.76	15.55	3.17	87	57	73	2	656	-124	93
Glassboro	1.93	16.88	3.59	86	58	74	3	719	-41	93
Hammonton	2.10	13.59	.65	89	57	74	3	689	-62	92
Pomona	1.25	14.72	2.84	87	57	73	3	590	-93	86
Seabrook	1.82	15.07	3.40	87	60	74	3	754	-32	86
South Harrison	1.93	16.52	4.18	86	58	73	NA	719	NA	NA

*Departure from normal.
1/ Growing degree days since March 1, total and departure from normal or long term average.
2/ Estimated soil moisture as % of field capacity based on climate data.

AGRICULTURE

Days suitable for field work were 3.5. There were measurable amounts of rainfall during the week over most of the state. Temperatures were above normal in most areas for the week. Top soil moisture was rated 17% adequate and 83% surplus. Cool and damp conditions hampered plant growth in most areas. Activities during the week were spraying pesticides and herbicides, and harvesting spring vegetables. Soybean plants continued to emerge in many fields. Some planted soybean fields were immersed in standing water and will require replanting. Nitrogen deficiency symptoms seen in corn stands due to cool and wet weather conditions. Hay crop condition were rated fair to good. Wet conditions continued to delay hay harvest activities in many localities. Wet conditions were preventing cutting, drying, and baling hay in many fields. Clear weather and heat needed for hay harvest activities to resume. Vegetables, from greenhouse transplants, were in place in some fields. Sweet corn, pumpkin, and snap bean planting continued. Harvest of cabbage, spinach, lettuce, collards, kale, onion, dill, and arugula continued. Strawberry harvest continued in the north and the south. Apple fruit drop is heavy, but no disease problems and good fruit set reported. Disease pressure was high on blueberry and grape vineyards.

SOIL MOISTURE TABLE				RANGE AND PASTURE			
		THIS WEEK	LAST WEEK	PREVIOUS YEAR			
VERY SHORT SHORT ADEQUATE SURPLUS		0%	0%	0%	VERY POOR POOR FAIR GOOD EXCELLENT	CURRENT	PREVIOUS WEEK
		0%	0%	25%		0%	0%
		17%	16%	37%		4%	23%
		83%	84%	38%		67%	54%
						29%	23%
							4%

JERSEY FRESH AVAILABILITY FOR JUNE 16, 2003*

- Arugula

- Great quality with good volume.
- Asparagus

- The season is just about over as cool weather and lower market prices slowed harvest down quite a bit. Should finish up next week.
- Beets

- Good quantities of spring planted product available.
- Cabbage

- Savoy and Green varieties being seen in good quantities. Red being seen in minimal quantities.
- Cilantro

- Great quality with good quantity of spring planted product available.
- Collards

- Good quality and quantity.
- Cucumbers

- Good quality and fair quantity available now of tunnel started product. Volume will grow over the next several weeks.
- Dandelions

- Spring planted San Pasquale variety available in good quantities.
- Dill

- Great quality with good quantities available.
- Escarole/Endive

- Great quality with good volume. Will start to taper off in early July.
- Greens

- Great quality and quantities seen. Kholrabi, Kale, Mustard, Broccoli Raab, and Swiss Chard all available in good quantities with volumes still increasing.
- Leeks

- Over-wintered product is available now and for some time.
- Lettuce

- Good, though decreasing, quantities of excellent quality Red and Green Leaf and Romaine and Boston. Starting to slow down each week.
- Parsley

- Good quality and quantity of spring seeded plain and curley varieties.
- Pickles

- Good quantities of tunnel started product entering the market. Increasing volume entering the market over the next several weeks.
- Radishes

- Decreasing volume available.
- Spinach

- Excellent quality spring planted available in great quantity.
- Strawberries

- The season is winding down for our crop with decreasing volumes for another couple of weeks. Our crop is mainly Chandlers.
- Turnips

- Volume continuing to increase.
- Yellow Squash

- Good quality and minimal quantity available now. Volume will increase each week.
- Zucchini

- Good quality and fair quantity available now. Volume will increase each week.

JERSEY FRESH FORECAST

- Blueberries

- Things are late this year. Minimal quantities of the early Duke variety will be available around June 23 with volume building quickly after that. While Duke volume may be slightly down this year, the follow-up Bluecrop variety will have volume similar to last year.
- Eggplant

- Begin to become available by mid to late July. Volume increasing quickly after that.
- Melons

- Begin to become available by mid to late July. Volume increasing quickly after that.
- Peppers

- Begin to become available by early to mid-July. Volume increasing quickly after that.
- Sweet Corn

- Minor acreage grown under plastic will allow for some early product for road stands for the important July 4th holiday, look towards the following week for any quantity.
- Tomatoes

- Field grown begins at the end of June or early July with limited quantities and higher prices. Volume available by mid-July.
- Yellow Peaches

- Growers are thinning their trees now and are looking forward to a season with very good quality and size. The early variety Sentry will begin to become available in mid to late July. Redhaven and John Boy varieties available in volume several weeks later.